BRUHAT BANGALO

Byatarayan

WORK SL

Name of the work : Improvements to roads, drains and Drilling borewells in ward no. 07 & 08 of Kodigehalli sub division of Byatarayanapura Divisio

Agency: G N Ramesh

	Estimated cost: Rs.
	Amount put to Tender as per Sanction : Rs.54756556
	Agreement No.
	Accepted Tendered Amount : Rs.62960636
	Head of Account :

Sanctioned cost:

Sl.No	Description of work	Unit	As per sanction estimate(CSR 2015-			As per tender		
			Estimate Qty	Estimate Rate	Total Amount	Qty	Rate	Amount
1	2	3	4	5	6	7	8	9
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete - 10.0 cms thick	sqm	1724.5	794.88	1370771.00	1724.50	874	1507213.0
6	Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification	cum	4390.3	1713.96	7524799.00	4390.30	1885	8275716.0
9	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	sqm	17670	3.24	57251.00	17670.00	3	53010.00
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications.	sqm	17670	11.88	209920.00	17670.00	16	282720.0
11	Providing and laying bituminous macadum on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with FE loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (50 to 75mm) with 3.3% VG-30 bitumen.	cum	104.52	5775.84	603691.00	104.52	6000	627120.0
12	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 509 complete in all respects as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (30 to 45mm) with 6% CRMB-55	cum	1415.52	9663.84	13679359.00	1415.52	12530	17736466.0
14	Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications.	cum	59.25	159.84	9471.00	59.25	175	10369.00

RE MAHANAGARA PALIKE

apura Sub Division

IP STATEMENT

total anticipated qtty		Quantity up to 125%			Quantity above 125%			Total Amount	Workslip	Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Rate	Amount		Amount	
10	9	10	11	12	13	14	15		18	
2244.44	1968337.00	2155.63	874.00	1884016.00	88.81	949.44	84321.00	1968337.00	461124.00	
4898.74	923[illegible]28.00	4898.74	1885.00	9234128.00	0.00		0.00	9234128.00	958412.00	
25904.05	80232.00	22087.50	3.00	66263.00	3816.55	3.66	13969.00	80232.00	27222.00	
36585.70	565509.00	22087.50	16.00	353400.00	14498.20	14.63	212109.00	565509.00	282789.00	
668.06	4593953.00	130.65	6000.00	783900.00	537.41	7089.69	3810053.00	4593953.00	3966833.00	
1953.69	24313842.00	1769.40	12530.00	22170582.00	184.29	11629.73	2143260.00	24313842.00	6577376.00	
334.65	62824.00	74.06	175.00	12961.00	260.59	191.35	49863.00	62824.00	52455.00	

Sl.No	Description of work	Unit	As per sanction estimate(CSR 2015-16			As per tender		
			Estimate Qty	Estimate Rate	Total Amount	Qty	Rate	Amount
1	2	3	4	5	6	7	8	9
16	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	sqm	261	85.32	22269.00	261.00	93	24273.00
38	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications	Qtl	11.42	3990.6	45573.00	11.42	5000	57100.00
39	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	sqm	74.7	301.04	22488.00	74.70	331	24726.00
47	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications	sqm	178.68	83.74	14963.00	178.68	92	16439.00
54	Dismantling existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable ble material and stacking the serviceable material with all lifts complete as per specifications.- Rubble stone masonry in cement mortar	cum	140.94	250.56	35314.00	140.94	275	38759.00
57	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications With Available stones	cum	88.93	3852.36	342590.00	88.93	4237	376796.00
58	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specificationsWith New stones	cum	57.95	5159.16	298973.00	57.95	5675	328866.00
60	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification	cum	58.17	5490.72	319395.00	58.17	6039	351289.00
63	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete	No.	1592	373.68	594899.00	1592.00	411	654312.00
Total Amount								

PERCENTAGE OF WORKSLIP COMPARING TO SANCTIONED COST	15034618.00 / 62960636.00	x100	23.88	%

Asst Exe. Engr. N.D
Delhi

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

total anticipated qty		Quantity up to 125%			Quantity above 125%			Total Amount	Workslip	Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Rate	Amount		Amount	
9	9	10	11	12	13	14	15		18	
439.68	40891.00	439.68	93.00	40891.00	0.00		0.00	40891.00	16618.00	
108.11	758515.00	14.28	5000.00	71375.00	93.84	7322.48	687140.00	758515.00	701415.00	
880.36	303314.00	93.38	331.00	30907.00	786.98	346.14	272407.00	303314.00	278588.00	
439.68	40451.00	439.68	92.00	40451.00	0.00		0.00	40451.00	24012.00	
162.00	44550.00	162.00	275.00	44550.00	0.00		0.00	44550.00	5791.00	
97.20	411836.00	97.20	4237.00	411836.00	0.00		0.00	411836.00	35040.00	
221.98	1367744.00	72.44	5675.00	411083.00	149.54	6397.42	956661.00	1367744.00	1038878.00	
84.22	515396.00	72.71	6039.00	439111.00	11.50	6631.43	76285.00	515396.00	164107.00	
2622.00	1098270.00	1990.00	411.00	817890.00	632.00	443.64	280380.00	1098270.00	443958.00	
								45399792.00	15034618.00	

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92